

File 350:Derwent 1963-2000/UD,UM &UP=200042
(c) 2000 Derwent Info Ltd
File 347:JAPIO Oct 1976-2000/Apr(UPDATED 000816)
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Set	Items	Description
S1	1594	(STORE? OR STORING OR TRACK? OR SAVE? OR KEEP? OR FORWARD?) (N5) ((TRANSACTION? OR PURCHAS?) (N4) (INFORMATION? OR DATA))
S2	1215	(SAME? OR ONE OR SINGLE?) (N3)SERVER?
S3	500	(INTERNET? OR WWW OR WORLD?(N2)WEB? OR ONLINE? OR ON()LINE- ?) (N3) (MALL? OR SHOPPING? OR ORDER? OR PURCHAS? OR SALE? OR PRODUCT?(N2)SELECT?)
S4	11021	(SUGGEST? OR RELAT? OR SIMILAR?) (N4) (ITEM? OR PRODUCT? OR MERCHANDISE?)
S5	0	S1 (S)S2 (S)S3
S6	6	S1(S)S3
S7	3	S1(S)S2
S8	0	S6 (S)S4
S9	1	S1 AND S2 AND (INTERNET? OR WWW OR WORLD?(N2)WEB OR ONLINE? OR ON()LINE?)
S10	1	S1(S)S2(S) (INTERNET? OR WWW OR WORLD?(N2)WEB? OR ONLINE? - OR ON()LINE?)
S11	13	S1 AND S3
S12	4	S1 AND S2

9/7/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent
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012448676 **Image available**
WPI Acc No: 1999-254784/199921

Data management service provision over the Internet
Patent Assignee: BARRY B R (BARR-I); CHODORONEK M A (CHOD-I); DEROSE E (DERO-I); GONZALES M N (GONZ-I); JAMES A R (JAME-I); LEVY L (LEVY-I); TUSA M (TUSA-I); REILLY B B (REIL-I)
Inventor: BARRY B R; CHODORONEK M A; DEROSE E; GONZALES M N; JAMES A R; LEVY L; TUSA M
Number of Countries: 025 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9915960	A2	19990401	WO 98US20136	A	19980925	199921 B
AU 9896671	A	19990412	AU 9896671	A	19980925	199934
EP 1015970	A2	20000705	EP 98950689	A	19980925	200035
			WO 98US20136	A	19980925	

Priority Applications (No Type Date): US 9760655 A 19970926

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9915960	A2	E 195	G06F-009/455	
Designated States (National): AU BR CA JP MX SG				
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE				
AU 9896671	A		G06F-009/455	Based on patent WO 9915960
EP 1015970	A2	E	G06F-009/455	Based on patent WO 9915960
Designated States (Regional): BE CH DE FR GB IE IT LI NL SE				

Abstract (Basic): WO 9915960 A2

NOVELTY - Application servers receive data transactions from a dispatch server for processing and forwarding response transactions back to one or more client applications for presentation to the customer via the dispatch server and secure servers. The customer is enabled at the customer site to request and receive the data management services from the enterprise the customer's entitlements in a secure **Internet** -based computing environment.

DETAILED DESCRIPTION - The integrated data management system includes a user interface executable in a customer workstation located at the customer site to authenticate the customer's access to the integrated data management system. The user interface further presents one or more data management services according to a customer entitlement for the customer to select. One or more client applications represent the one or more data management services. Each client application is initiated by the user interface in response to a customer selection and provides an interface to a corresponding data management service selected by the customer. **One** or more secure **servers** located between the customer workstation and the enterprise provide a secure transportation of data transactions between the user interface and the secure servers. The secure servers further **forward** the **data transactions** processing at the enterprise. At least **one** dispatch **server** is located at the enterprise to receive the data transactions from the secure servers through a firewall. The dispatch server further verifies the customer's access to the system and determines one of the data management services in the enterprise to which the data transactions need be routed processing. **One** or more application **servers** provide the **one** or more data management services offered by the enterprise. The application servers receive the data transactions from the dispatch server for processing and forwarding response transactions back to the one or more client applications for presentation to the customer via the dispatch server and the secure servers. The customer is enabled at the customer site to request and receive the data management services from the enterprise according to the customer's entitlements in a secure **Internet** -based computing environment.

USE - The integrated data management system provides one or more

data management services from an enterprise over the Internet to a customer has a workstation at a customer site.

ADVANTAGE - Provides connectivity to enterprise legacy systems providing data management services over the public Internet, as the Internet provides access connectivity world wide via the TCP/IP protocol, without a need to navigate various telephone exchanges, dialing standards or signal standards.

DESCRIPTION OF DRAWING(S) - The drawing shows the software architecture component comprising a three tiered structure.

pp; 195 DwgNo 1/27

Derwent Class: T01; W01

International Patent Class (Main): G06F-009/455

International Patent Class (Additional): G06F-013/00

11/7/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent

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013254792 **Image available**

WPI Acc No: 2000-426675/200037

Goods selling assistance procedure for online shopping using internet, involves classifying customers based on goods purchasing details and accordingly stored data is accessed

Patent Assignee: KAWATETSU JOHO SYSTEM KK (KAWA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000148848	A	20000530	JP 98318232	A	19981110	200037 B

Priority Applications (No Type Date): JP 98318232 A 19981110

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000148848	A	7	G06F-017/60	

Abstract (Basic): JP 2000148848 A

NOVELTY - The goods purchasing details of each customer is acquired, based on which the customers are classified relevant to common goods with differing sales conditions. The classified data is forwarded to the server (3). The stored data is accessed based on the purchasing detail and compared relevant to goods, for recognizing the customers.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the goods selling assistance system.

USE - For online shopping using internet.

ADVANTAGE - Increases selling performance with reduced selling expenses, by acquiring the purchase details correctly.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the goods selling assistance system.

Server (3)

pp; 7 DwgNo 1/3

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G07G-001/14

11/7/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent

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013203190 **Image available**

WPI Acc No: 2000-375063/200032

Electronic merchandising system for processing sales transaction, has order processing module which includes order initialization component to initialize key value pair having sales transaction information

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: BLINN A; COHEN M A; LORTON M; STEIN G J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week
US 6058373 A 20000502 US 96732205 A 19961016 200032 B

Priority Applications (No Type Date): US 96732205 A 19961016

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 6058373 A 41 G08B-009/00

Abstract (Basic): US 6058373 A

NOVELTY - An order which includes set of key-value pairs having sales transaction information, is stored in a hard disk. An order processing module which is executed by a processor, is configured to receive order and process the key value. The module also includes order initialization component which initializes the key value pairs.

USE - For processing electronic sales transaction through Internet, WWW.

ADVANTAGE - Allows merchant to create electronic orders which are easily adaptable for different sales situation, and allows merchants to easily customize the electronic merchandising system. Enable merchants to add new key-value pairs or delete existing key-value pair to modify electronic merchandising system. Since the components communicate with each other by storing information in the order the system requirements needed to support inter component communication is reduced.

DESCRIPTION OF DRAWING(S) - The figure shows high level block diagram illustrating electronic merchandising system.

pp; 41 DwgNo 1/16

Derwent Class: T01; T05; W05

International Patent Class (Main): G08B-009/00

11/7/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent

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013177607 **Image available**

WPI Acc No: 2000-349480/200030

Remote communication link establishing system for online goods marketing and shopping has controller, which permits access of data from central facility through remote facility and provides transaction data

Patent Assignee: WREN S C (WREN-I)

Inventor: WREN S C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6055514	A	20000425	US 92855099	A	19920320	200030 B
			US 9351743	A	19930422	
			US 94264184	A	19940622	
			US 94268309	A	19940629	
			US 96668561	A	19960621	

Priority Applications (No Type Date): US 96668561 A 19960621; US 92855099 A 19920320; US 9351743 A 19930422; US 94264184 A 19940622; US 94268309 A 19940629

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6055514	A		12	G06F-017/60	CIP of application US 92855099
					Cont of application US 9351743
					CIP of application US 94264184
					CIP of application US 94268309

Abstract (Basic): US 6055514 A

NOVELTY - Each customer at remote communication facility (14) access the multimedia data relative to various goods and services, through respective computers (18). A controller permits the access of data from computer (32) in the central facility (12) through computer (18). Based on the access, required transaction data is forwarded

DETAILED DESCRIPTION - The multimedia data representing goods service and other details is stored in the database of central facility. Different data relevant to the request offered by the facility (14) is output using hypertext application software. The stopping point in the customer's browsing database is recognized based on which the browsing is continued. The data is browsed according to the model and manufacturing details of each goods selected by the customer. After each transaction, the customer profile is updated periodically.

USE - For online goods marketing, shopping and financing services, to provide sales assistance to cars, boats, motorcycles, furniture, real estate and providing travel packages, entertainment, service contracts investments, employment service etc.

ADVANTAGE - Facilitates customer to obtain relevant assistance for each service, thereby sales promotion and customer service are improved. Reduces costs associated with the marketing and administering various products, due to centralized administration of selling of products. Enables retrieving desired data without need for sales or service representative thereby raises transaction privacy of customers. Quick scrutinizing of desired candidates for job assignment is possible, due to centralized browsing.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of remote communication link establishing system.

Central facility (12)

Remote facility (14)

Computers (18,32)

pp; 12 DwgNo 1/1

Derwent Class: T01

International Patent Class (Main): G06F-017/60

11/7/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent

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013102775 **Image available**

WPI Acc No: 2000-274646/200024

Purchase data management apparatus for supervising goods bought online

Patent Assignee: NIPPON DENKI IDO TSUSHIN KK (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000057212	A	20000225	JP 98219404	A	1998080	200024 B

Priority Applications (No Type Date): JP 98219404 A 19980803

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000057212	A		4	G06F-017/60	

Abstract (Basic): JP 2000057212 A

NOVELTY - A computer (32) inside the residence (30) of a buyer, has a software (S1) for managing purchase data (D1) based on a purchase data file (D2). A purchase data converter (22) transforms the purchase data to a predetermined format of the **purchase data** file. A **store** (10) has a **purchase data** transmitter (12) connected to the **internet** for sending the **purchase data**.

USE - For supervising goods bought online.

ADVANTAGE - Eliminates troublesome input operation when managing purchase data. Ensures easy management of purchase data. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a **purchase data** management apparatus. (10) **Store**; (12) **Purchase data** transmitter; (22) **Purchase data** converter; (30) Residence; (32) Computer; (D1) Purchase data; (D2) Purchase data file; (S1) Software.

Dwg.1/1

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-013/00

11/7/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent
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013030260 **Image available**

WPI Acc No: 2000-202111/200018

Purchase information management system, calls purchase information on buyer relevant to purchase of goods, that is recorded in network directory and then displays it

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000040100	A	20000208	JP 98208825	A	1998072	200018 B

Priority Applications (No Type Date): JP 98208825 A 19980724

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000040100	A		9 G06F-017/60	

JP 2000040100 A 9 G06F-017/60

Abstract (Basic): JP 2000040100 A

NOVELTY - Purchase information on the buyer (2) relevant to purchase of goods (1), is stored in a register (4) installed at store side and then forwarded. A network directory (7) records the **forwarded purchase information** and assigns it to every buyer, so that purchase information on directory is called to a terminal (9) and then displayed.

USE - Is installed at convenience **stores** for managing **purchasing information** sent through **Internet** .

ADVANTAGE - As communication is performed via cable or wireless communication circuit, even if it is in remote place or mobile unit, purchase information can be called to the terminal. When **forwarding purchase information** on buyer relevant to **purchase** of goods, that **information** is recorded in register of **store** side, thus **purchase information** can be read out depending on necessity of store side.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of purchase information management system. (1) Goods; (2) Buyer; (4) Register; (7) Network directory; (9) Terminal.

Dwg.1/6

Derwent Class: T01

International Patent Class (Main): G06F-017/60

11/7/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent
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012733910 **Image available**

WPI Acc No: 1999-540027/199945

Computer-implemented method for recovering tax revenue for multiple jurisdictions

Patent Assignee: TARICANI J F (TARI-I); INTERSTATE SOLUTIONS LLC (INTE-N)

Inventor: TARICANI J F

Number of Countries: 084 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9940528	A1	19990812	WO 99US1478	A	19990209	199945 B
AU 9926530	A	19990823	AU 9926530	A	19990209	200005
US 6016479	A	20000118	US 9874357	A	19980210	200011
			US 9876502	A	19980302	
			US 9882554	A	19980421	
			US 9878616	A	19980514	

Priority Applications (No Type Date): US 9878616 A 19980514; US 9874357 A 19980210; US 9876502 A 19980302; US 9882554 A 19980421

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 9940528 A1 E 4 06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9926530 A G06F-017/60 Based on patent WO 9940528

US 6016479 A G06F-017/60 Provisional application US 9874357

Provisional application US 9876502

Provisional application US 9882554

Abstract (Basic): WO 9940528 A1

NOVELTY - The recovery of tax revenue currently not being recovered is implemented by storing data in a database (2) indicating interstate sales, transactions on which a seller does not collect a designated tax, such as sales tax.

DETAILED DESCRIPTION - A database hosted on a computer-readable medium is populated with data of interstate sales transactions made by respective purchasers from multiple jurisdictions for which no designated tax has been paid. A tax notice is sent to one of the respective **purchasers** based on the **data** of the sales **transactions stored** in the database. INDEPENDENT CLAIMS are included for; a system for recovering tax revenue for multiple jurisdictions.

USE - Assisting in the recovery of taxes due on interstate sales, including mail **order** and **Internet sales**, on which no tax was collected at the time of sale or subsequently remitted by a purchaser.

ADVANTAGE - Collects simplified tax and appropriately routes collected revenue to appropriate government agency.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of an overall system configuration of the invention.

Network computer (1)

Database (2)

Input mechanism (3)

Revenue agency (4)

pp; 44 DwgNo 1/12

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): H04L-009/00

11/7/7 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent

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012224565 **Image available**

WPI Acc No: 1999-030671/199903

On- line shopping **terminal equipment for Internet - has purchase order transmitter to transmit stored purchase order information by communication circuit via modem**

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10293793	A	19981104	JP 97103421	A	19970421	199903 B

Priority Applications (No Type Date): JP 97103421 A 19970421

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 10293793 A 19 G06F-017/60

Abstract (Basic): JP 10293793 A

The equipment has a receiving unit (11) to receive advertising information (101) from a broadcast receiving device (2). The broadcast device receives information from a broadcasted wave. A selection unit (12) selects the advertised goods based on selection information from selection information storage unit (14). A storage unit (13) classifies the advertised goods and stores it in a table.

A display unit (15) displays the purchase order chosen by an user using the classified advertising goods. Purchase order generation and storage units (16,17) generate and store purchase order information (102) on desired goods displayed by the display unit. A purchase order transmitter (18) transmits the stored purchase order information by a communication circuit via a modem (3).

ADVANTAGE - Reduces time and communication cost.

Dwg.1/20

Derwent Class: T01; W02

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-013/00; H04N-007/173

11/7/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent

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011865008 **Image available**

WPI Acc No: 1998-281918/199825

Goods order processing method using client-server network for online shopping - by checking existence of goods to be purchased and after designation of all goods, order information is forwarded from client to server

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10097567	A	19980414	JP 96251767	A	19960924	199825 B

Priority Applications (No Type Date): JP 96251767 A 19960924

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10097567	A	11	G06F-017/60	

Abstract (Basic): JP 10097567 A

The method involves referring goods information stored in a client terminal. The order is placed to a server via a communication circuit.

The client stores order information on goods to be purchased by the user after detecting the existence of goods. After designating all the goods to be purchased by the user, the order information is forwarded to the server.

ADVANTAGE - Reduces queuing time of forwarding data. Improves operativity. Reduces communication cost. Offers order cancellation facility.

Dwg.1/10

Derwent Class: T01

International Patent Class (Main): G06F-017/60

11/7/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent

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011518321 **Image available**

WPI Acc No: 1997-494807/199746

Online shopping support method using PC communication network - involves transmission of data, showing that amount of consumed goods by user exceeds allowed consumption amount, to service utilisation system when user exceeds allowable consumption amount

Patent Assignee: HITACHI LTD (HITA)

Inventor: ISHIKAWA T; KAGAMI A; ONO T; SUDO M

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9231264	A	19970905	JP 9636697	A	19960223	199746 B
US 5909023	A	19990601	US 97802997	A	19970221	199929

Priority Applications (No Type Date): JP 9636697 A 19960223

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9231264	A		13	G06F-017/60	
US 5909023	A			G06K-005/00	

Abstract (Basic): JP 9231264 A

The method involves storing of user purchasing log data in a service offering system. When a user identification data from a service utilisation system is transmitted to the service offering system, the purchasing log data corresponding to the user identification data is searched. When the purchasing log data corresponding to the user identification data is searched, a service utilisation system is displayed on the service utilisation system side.

As the user orders, the amount of goods consumed by the user is calculated. When the total amount of goods consumed by the user exceeds the allowed consumption amount for a day, data showing that consumed amount of goods exceeds the allowed consumption amount, is transmitted to the service utilisation system. The data, showing that consumed amount of goods exceeds the allowed consumption amount, is transmitted to the service utilisation system by the service offering system through a communication network.

ADVANTAGE - Enables user to quickly and accurately know amount of goods that he consumed. Enables high-speed service providing since amount of goods that user consumes is automatically calculated.

Dwg.1/17

Derwent Class: T01

International Patent Class (Main): G06F-017/60; G06K-005/00

11/7/10 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent

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011462378 **Image available**

WPI Acc No: 1997-440285/199741

Online transaction apparatus for purchasing of goods using communication centre connected to telephone circuit - has communication controller which receives predetermined data sent in routine manner by communication centre in which payment data and contents of transactions related to cash amount are transmitted

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9198440	A	19970731	JP 968856	A	19960123	199741 B

Priority Applications (No Type Date): JP 968856 A 19960123

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9198440	A		6	G06F-017/60	

Abstract (Basic): JP 9198440 A

The apparatus (1) has a memory (2) for transaction which stores data related to a transaction object. A display device (3) shows the data stored in the memory. An input component (4) inputs the contents of transactions based on the contents of display of the display device. A calculator (5) computes the cash amount of transactions based on the contents of the input transactions.

A payment processor (6) processes the payment of the cash amount of the transactions. A circuit provides payment data and the contents of the transactions from a communication controller (7). The payment data and the contents of transaction are transmitted to a communication centre. The predetermined data sent at a routine manner is received by the communication controller.

ADVANTAGE - Performs reliable online transactions to transacting person by simple operation. Newest goods can be ordered even if in case transacting person is in geographically separated place. Registration of credit card for communication centre becomes unnecessary. Prevents

risk of using credit card by another person.

Dwg.1/4

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-019/00; G07D-009/00;
G07G-001/14

11/7/11 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent

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011382925 **Image available**

WPI Acc No: 1997-360832/199733

Computer aided analysis method of goods selling promotion effect in departmental store - involves performing registration of purchase information from customers and actual purchase information and their analysis with customer identification

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9153094	A	19970610	JP 95313839	A	19951201	199733 B

Priority Applications (No Type Date): JP 95313839 A 19951201

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9153094	A		22		

Abstract (Basic): JP 9153094 A

The method involves performing registration of information pertaining to customers. The customer attribute information is identified with customer identifier. An information providing log stores information relating to goods referred to by the customer beforehand. A purchase log stores corresponding information during actual purchase by customers.

The customer attribute information providing log and purchase log are searched using customer identification. The selling promotion effect of goods recorded in information providing log is analysed.

ADVANTAGE - Increases efficiency in design of selling promotion. Aids decision making in goods arrangement, online shopping . Analyses selling promotion effect effectively.

Dwg.1/19

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G07G-001/12

11/7/12 (Item 1 from file: 347)

DIALOG(R) File 347:JAPIO

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06375143 **Image available**

ONLINE SHOPPING METHOD

PUB. NO.: 11-316777 [JP 11316777 A]

PUBLISHED: November 16, 1999 (19991116)

INVENTOR(s): HONGO HITOSHI

APPLICANT(s): SANYO ELECTRIC CO LTD

APPL. NO.: 10-123427 [JP 98123427]

FILED: May 06, 1998 (19980506)

ABSTRACT

PROBLEM TO BE SOLVED: To enjoy online shopping service even about an article whose product value is changed according to date and hour by transmitting differential information that is updated while connecting to a host computer to place an order to an information terminal and changing order content based on the latest article information.

SOLUTION: A user selects a article the user wants to **purchase** based on a **data** base of an article information **storing** part 18 of an information terminal 12 and produces a purchase order with a purchase order producing device 20. The user requests connection to a host computer 14 and transmits a connectable instruction if connection reception with the terminal 12 does not exist. When the latest information of an article data base about the purchase order and the ordered article is transmitted to the computer 14 and the ordered article can not be received, if user's information is new is decided and if it is 'NO', the matter that the article information is old is notified to the user and a differential information producing device 22 produces and transmits differential information. The user updates the article data base stored in the device 20 based on the differential information.

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11/7/13 (Item 2 from file: 347)
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05616464 **Image available**
ON LINE SHOPPING SUPPORT METHOD AND SYSTEM

PUB. NO.: 09-231264 [JP 9231264 A]
PUBLISHED: September 05, 1997 (19970905)
INVENTOR(s): ONO TOSHIYUKI
ISHIKAWA TOMOMU
SUDO MITSUO
KAGAMI AKIRA
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-036697 [JP 9636697]
FILED: February 23, 1996 (19960223)

ABSTRACT

PROBLEM TO BE SOLVED: To provide a proper service in response to the individual needs of users by calculating the purchase interval of every commodity based on the commodity **purchase** history **information** which are **stored** for every user and estimating the time when the demand is made for every commodity.

SOLUTION: When a user starts the **on -line shopping**, he inputs a user identifier via an input device 222 of a client device 220. A server device 210 inputs the user identifier received from the device 220 to retrieve the user's **purchase** history **information** out of those that are **stored** in a storage 212 in response to the user identifier and calculates the purchase intervals of commodities which are purchased by the user in the past. Then the device 210 decides whether a period that is equivalent to the calculated purchase interval has passed from the latest date of purchase for every commodity. Then the information on the commodities whose purchase interval periods have passed are sent to the device 220 via a communication network 230 and displayed on an output device 223.

12/7/1 (Item 1 from file: 350)
DIALOG(R) File 350: Derwent
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012448676 **Image available**
WPI Acc No: 1999-254784/199921

Data management service provision over the Internet
Patent Assignee: BARRY B R (BARR-I); CHODORONEK M A (CHOD-I); DEROSE E (DERO-I); GONZALES M N (GONZ-I); JAMES A R (JAME-I); LEVY L (LEVY-I); TUSA M (TUSA-I); REILLY B B (REIL-I)
Inventor: BARRY B R; CHODORONEK M A; DEROSE E; GONZALES M N; JAMES A R; LEVY L; TUSA M
Number of Countries: 025 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9915960	A2	19990401	WO 98US20136	A	19980925	199921 B
AU 9896671	A	19990412	AU 9896671	A	19980925	199934
EP 1015970	A2	20000705	EP 98950689	A	19980925	200035
			WO 98US20136	A	19980925	

Priority Applications (No Type Date): US 9760655 A 19970926

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9915960	A2	E 195	G06F-009/455	
Designated States (National): AU BR CA JP MX SG				
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE				
AU 9896671	A		G06F-009/455	Based on patent WO 9915960
EP 1015970	A2	E	G06F-009/455	Based on patent WO 9915960
Designated States (Regional): BE CH DE FR GB IE IT LI NL SE				

Abstract (Basic): WO 9915960 A2

NOVELTY - Application servers receive data transactions from a dispatch server for processing and forwarding response transactions back to one or more client applications for presentation to the customer via the dispatch server and secure servers. The customer is enabled at the customer site to request and receive the data management services from the enterprise the customer's entitlements in a secure Internet-based computing environment.

DETAILED DESCRIPTION - The integrated data management system includes a user interface executable in a customer workstation located at the customer site to authenticate the customer's access to the integrated data management system. The user interface further presents one or more data management services according to a customer entitlement for the customer to select. One or more client applications represent the one or more data management services. Each client application is initiated by the user interface in response to a customer selection and provides an interface to a corresponding data management service selected by the customer. **One** or more secure **servers** located between the customer workstation and the enterprise provide a secure transportation of data transactions between the user interface and the secure servers. The secure servers further **forward** the **data transactions** processing at the enterprise. At least **one** dispatch **server** is located at the enterprise to receive the data transactions from the secure servers through a firewall. The dispatch server further verifies the customer's access to the system and determines one of the data management services in the enterprise to which the data transactions need be routed processing. **One** or more application **servers** provide the **one** or more data management services offered by the enterprise. The application servers receive the data transactions from the dispatch server for processing and forwarding response transactions back to the one or more client applications for presentation to the customer via the dispatch server and the secure servers. The customer is enabled at the customer site to request and receive the data management services from the enterprise according to the customer's entitlements in a secure Internet-based computing environment.

USE - The integrated data management system provides one or more data management services from an enterprise over the Internet to a customer has a workstation at a customer site.

ADVANTAGE - Provides connectivity to enterprise legacy systems providing data management services over the public Internet, as the Internet provides access connectivity world wide via the TCP/IP protocol, without a need to navigate various telephone exchanges, dialing standards or signal standards.

DESCRIPTION OF DRAWING(S) - The drawing shows the software architecture component comprising a three tiered structure.

pp; 195 DwgNo 1/27

Derwent Class: T01; W01

International Patent Class (Main): G06F-009/455

International Patent Class (Additional): G06F-013/00

12/7/2 (Item 2 from file: 350)
DIALOG(R) File 350:Derwent
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011066616 **Image available**
WPI Acc No: 1997-044540/199705

Distributed customer information control system apparatus - includes transaction start table which sorts transaction start data representing transactions whose execution has been requested

Patent Assignee: TANDEM COMPUTERS INC (TAND)

Inventor: DE ROO J S; HOTEA A E; PHILLIPS M; VELASCO D G; VELASCO D

Number of Countries: 008 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 747812	A2	19961211	EP 96303648	A	19960522	199705 B
CA 2176905	A	19961208	CA 2176905	A	19960517	199715
JP 9044461	A	19970214	JP 96145730	A	19960607	199717
US 5630133	A	19970513	US 95479702	A	19950607	199725

Priority Applications (No Type Date): US 95479702 A 19950607

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 747812	A2	E	20	G06F-009/46	
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Designated States (Regional): DE FR GB IT SE

JP 9044461	A		19	G06F-015/16	
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US 5630133	A		17	G06F-013/00	
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CA 2176905	A			G06F-017/60	
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Abstract (Basic): EP 747812 A

The distributed computer system apparatus includes a group of end terminals and a series of server computers. Many application processes are distributed over the server computers. A transaction start table is stored on a first server computer. The transaction table sorts transaction start data representing transactions whose execution has been requested by other transactions and indicates a start condition for each transactions execution.

The user application processes are responsive to the execution of a start transaction instruction and generate and store a transaction start record in the table which represents a transaction whose execution has been requested. A transaction start process is executed on one of the server computers and coupled to the transaction start table. The transaction start process evaluates the start condition for each transaction whose execution has been requested. When the start condition for one of the transactions is satisfied the execution of the requested transaction by a user application is initiated.

USE/ADVANTAGE - Transactions are assigned based on available processor resources without regard to potential or known need of transactions to share content.

Dwg.1/9

Abstract (Equivalent): US 5630133 A

A method of operating a distributed computer system having a plurality of end user terminals and a plurality of server computers; said server computers including a multiplicity of user application processes distributed over said plurality of server computers; the steps of the method comprising:

storing a transaction start table on a first one of said server computers, including storing transaction start data representing transactions whose execution has been requested by other transactions being executed by said user application processes; said transaction start data indicating a start condition for each said transaction whose execution has been requested;

whenever any executing transaction executes a Start transaction instruction, generating and storing a transaction start record in said transaction start table representing a transaction whose execution has been requested; wherein said transaction start record is stored in said transaction start table on said first one of said server computers regardless of which one of said server computers executes said

Start transaction instruction;

executing a transaction start process on one said server computers, said transaction start process evaluating said start condition for each said transaction whose execution has been requested, and when said start condition for one of said requested transactions is satisfied, initiating execution of said one requested transaction by one of said user application processes.

Dwg.2/9

Derwent Class: T01

International Patent Class (Main): G06F-009/46; G06F-013/00; G06F-015/16; G06F-017/60

International Patent Class (Additional): G06F-012/00; G06F-013/368; G06F-015/00

12/7/3 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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05014228 **Image available**

INTER-SERVER DATA ASSOCIATION DEVICE

PUB. NO.: 07-306828 [JP 7306828 A]

PUBLISHED: November 21, 1995 (19951121)

INVENTOR(s): FUJITA KAZUHIKO

KAKISU TOSHIAKI

HASHIZUME YASUHIKO

SHINOMIYA YOSHITAKA

APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 06-096681 [JP 9496681]

FILED: May 10, 1994 (19940510)

ABSTRACT

PURPOSE: To provide the inter-server data association device which performs data association with plural reception-side servers on the basis of data sent from one transmission-side server .

CONSTITUTION: Transaction information on data base operation which is sent from a main center 2 is received by an acquisition part 11 in the inter-server data association device 1. The data received by this acquisition part 11 are transferred to respective distribution buffers 12a in a distribution part 12. The distribution part 12 has information regarding the timing of data transmission that respective reception-side servers 3 require. Therefore, the distribution part 12 transfers the transaction information , stored in the distribution buffers 12a corresponding to the respective reception-side servers 3, to the respective reception-side servers 3 at the points of time that the respective reception-side servers 3 requests them.

12/7/4 (Item 2 from file: 347)

DIALOG(R)File 347:JAPIO

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04995192 **Image available**

COMMODITY SALE REGISTRATION DATA PROCESSOR

PUB. NO.: 07-287792 [JP 7287792 A]

PUBLISHED: October 31, 1995 (19951031)

INVENTOR(s): NAGURA HIROMICHI

APPLICANT(s): TEC CORP [000356] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 06-080022 [JP 9480022]

FILED: April 19, 1994 (19940419)

ABSTRACT

PURPOSE: To prevent the occurrence of a loss or the like in transaction

data due to the overflow of a POS server when operation defect occurs in a store processor in commodity sale registration data processor such as a POS system connecting plural POS servers to one store processor and connecting many POS terminals to each of these POS servers.

CONSTITUTION: One POS server 3(sub 1) is provided with a data collecting memory as a master server and a CPU or the like in the master POS server 3. is provided with a defect detecting means for detecting the operation defect of the store processor 2. A data collecting means for collecting transaction data from satellite POS servers 3(sub 2) to 3(sub n), in accordance with a detection output from the defect detecting means and storing the collected data in the data collecting memory is constituted of the CPU or the like of the master POS server 3(sub 1).
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